

**Postdoctoral Research Position for Developing Nanoscale Electro-neural Interface Devices—**  
Los Alamos National Laboratory

A postdoctoral research associate is sought for an immediate position opening at the Center for Integrated Nanotechnologies in the area of nanoscale semiconductor device fabrication to develop electro-neural sensing arrays. The project aims at developing high density arrays to fabricate three-dimensional implantable recording devices that will enable fully integrated bio-compatible neuroprosthetics for chronic applications. The successful candidate will have the opportunity to collaborate with scientists of and use the facilities at the Center for Integrated Nanotechnologies at Los Alamos and Sandia National Labs as well as the Applied Modern Physics facilities (Biological and Quantum Physics, where physiological experiments are currently being conducted) at Los Alamos National Laboratory.

Expertise in clean room fabrication is essential for being considered for this position with some associated experience in material and electrical characterization. A Ph.D. in applied physics, electrical engineering, materials science, neuroscience, bioengineering, or a closely related field received within the last 4 years and evidence of strong research and publication accomplishment is required. Competitive candidates will be considered for prestigious fellowships available at Los Alamos National Laboratory. Inquiries as well as applications consisting of a cover letter, curriculum vitae with publication list and the names of 3 references, should be sent directly to Shadi Dayeh at [shadi@lanl.gov](mailto:shadi@lanl.gov).